

300	FREQUENCY SHIFT KEYING OR MINIMUM SHIFT KEYING DEMODULATOR	324	..Input signal applied directly to local oscillator
301	..Including discrete semiconductor device	325	..Including phase or frequency locked loop
302	..Input signal combined with local oscillator or carrier frequency signal	326	...Including discrete semiconductor device
303	..Including logic element (e.g., logic gate or flip-flop)	327	..Input signal split into plural signals
304	PHASE SHIFT KEYING OR QUADRATURE AMPLITUDE DEMODULATOR	328	..Including piezoelectric resonant element
305	..Including discrete semiconductor device	329	..Using a transformer to split input signal
306	..Input signal combined with local oscillator or carrier frequency signal	330	...Signals taken from primary and secondary windings
307	..Including phase or frequency locked loop	331Including plural detector diodes (e.g., ratio detector type)
308	...With parallel signal combiners (e.g., Costas loop)	332	...Signals taken from plural secondary windings
309Including logic element (e.g., logic gate or flip-flop)	333Including plural detector diodes (e.g., ratio detector type)
310	..Including logic element (e.g., logic gate or flip-flop)	334Including resonant circuits tuned above and below input signal carrier frequency
311	PULSE OR INTERRUPTED CONTINUOUS WAVE DEMODULATOR	335	...Including plural detector diodes (e.g., ratio detector type)
312	..Pulse width demodulator	336	..Input signal combined with phase shifted or delayed portion of input signal
313	..Pulse position, frequency, phase or spacing demodulator	337	...Including LC resonant phase shift circuit
314	..Including discrete semiconductor device	338	..Input signal split by LC resonant circuit
315	FREQUENCY MODULATION DEMODULATOR	339	...Including LC resonant circuits tuned above and below input signal carrier frequency
316	..Plural demodulation	340	..Including plural detector diodes (e.g., ratio detector type)
317	..Including amplitude demodulation	341	..Input signal converted to and processed in pulse form (e.g., pulse counter or digital type demodulator)
318	..Having specific distortion, noise or other interference prevention, reduction or compensation	342	..Including discrete semiconductor device
319	..Using feedback to reduce distortion, noise or other interference	343	..Including digital logic circuitry
320	..By cancelling distortion, noise or other interference	344	..Including signal passed through single demodulating path including resonant circuit
321	..Using amplitude limiting within the demodulator	345	PHASE MODULATION DEMODULATOR
322	..Including microwave or distributed parameter structure		
323	..Input signal combined with local oscillator or carrier frequency signal		

346 .Input signal combined with local oscillator or carrier frequency signal

347 **AMPLITUDE MODULATION DEMODULATOR**

348 .Having plural demodulation outputs

349 .Having specific distortion, noise or other interference prevention, reduction or compensation

350 ..Automatic amplitude stabilization or control

351 ..Nonlinearity reduction or compensation

352 ..Temperature compensation

353 ..Noise reduction or compensation

354 .Including microwave or distributed parameter structure

355 ..With electron discharge device

356 .Suppressed carrier double sideband type

357 .Single or vestigial sideband type

358 .Input signal combined with local oscillator or carrier frequency signal (e.g., synchronous demodulator)

359 ..Input signal applied directly to local oscillator

360 ..Including phase or frequency locked loop

361 ..Including sampling, gating, or switching

362 ...With three or more terminal discrete semiconductor device

363 .Input signal split into plural signals

364 ..Including three or more terminal discrete semiconductor device

365 ..Including diode demodulator device

366 ...Plural diodes

367 .Including regenerative feedback in non-oscillating demodulator

368 .Electron discharge demodulator device having more than two electrodes (e.g., triode, tetrode etc.)

369 .Including three or more terminal discrete semiconductor demodulator device

370 .Including diode demodulator device

371 .Coherer type demodulator

372 **MISCELLANEOUS**

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